

IAP20 Rec'd PENDING 10 JAN 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Egbert Classen et al  
Application Number: Unassigned  
Filing Date: Concurrently Herewith  
Group Art Unit:  
Examiner:  
Title: DISHWASHER COMPRISING A HEAT TUBE

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

EP 0 358 279 discloses that in a domestic dish-washing machine, a closed drying system is used, in which the air from the washing container is circulated via a drying device, which can be regenerated by heating up, and from said drying device back into the washing container. The drying device is assigned to the heater for the rinsing water, preferably a flow heater, arranged outside the washing container.

DE 27 16 686 discloses a dishwasher having a washing container relative to which is arranged a heat tube for effecting the condensation of water from steam that passes through during a cutlery or eating utensil drying cycle. The heat tube 15 is regulated by means of the thermal clearing of an inert gas out of an adsorption material 24.

DE 37 41 652 discloses that to dry dishes in domestic dishwashers, use is made of a heat exchanger which is thermally insulated from the washing container and is preferably equipped with a latent-heat accumulator.

JP 6 133915 discloses a process to enhance the drying efficiency by furnishing a magnetron which emits microwaves and makes induction heating of tableware, etc., set in an

IAP20 REG'D FEB 10 10 JAN 2006

accommodation part at least in the drying process, and installing a drive device for driving the magnetron. In the drying process, a circulation fan 13 of a blower part 14 is operated to send air therefrom to a water storing part 6, and the wind is circulated around an accommodation part 3 and by leading from over again into the blower part 14. Therein an inverter circuit 9 is operated, and a magnetron 16 is driven to oscillate microwaves, and the water remaining in the accommodation part 3 and the tableware, etc., are heated simultaneously by the microwaves. Accordingly, the air heated by circulating wind due to the blower part 14 and containing much water is cooled by a heat exchanger 15, and the water is exhausted in the form of dew. Thereby the water having a large dielectric loss and easy to heat is heated, and even water in a place where the circulating wind is hard to have access, for example bottom of a cup, can easily be heated and evaporated to achieve an enhanced drying efficiency.

DE 30 38 080 discloses a dishwasher having a washing container relative to which is arranged a condensation device 7 for effecting the condensation of water from steam that passes through during a cutlery or eating utensil drying cycle. The condensation device 7 is configured as a heat exchanger through which cold fresh air is circulated in opposition to moisture loaded air.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



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January 10, 2006

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**Complete if Known**

**(Use as many sheets as necessary)**

Sheet

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of

1

Application Number

Unassigned 11/5/44

Filing Date

Herewith

First Named Inventor

Egbert Classen et al

Art Unit
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Examiner Name
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Attorney Docket Number

2003P00991WOUS

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)				
		EP 0 358 279	03-14-1990	Harald Fried et al		
		DE 27 16 686	10-19-1978	Helmut Lotz		
		DE 37 41 652	06-22-1989	Peter Hesse		
		JP 6 133915	05-17-1994	Kako Hidenori		
		DE 30 38 080	05-13-1982	Ulrich Deiss et al		
		International Search Report PCT/EP2004/007392				✓

Examiner  
Signature

Date	
Cons	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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